

03500.017614.



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent Application of: )  
Shinichi SATO, et al. ) : Examiner: Unassigned  
Appln. No.: 10/673,421 ) : Group Art Unit: Unassigned  
Filed: September 30, 2003 ) :  
For: AQUEOUS INK, INK JET RECORDING ) April 16, 2004  
METHOD, INK TANK, RECORDING UNIT :  
AND INK JET RECORDING APPARATUS )

**Mail Stop Patent Application**  
Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

SECOND INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. In accordance with the pre-OG Notice dated July 11, 2003, entitled "Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications filed after June 30, 2003," only copies of the listed non-U.S. patent documents are enclosed.

A European Search Report dated January 28, 2004, and that cites the listed documents is also enclosed for the Examiner's reference. Also, Applicants have obtained English language abstracts for the non-English patent documents and attached them to their

respective copies. English language counterparts, if readily available, are also listed on the Form PTO-1449.

JP 2002-105349, also mentioned in the search report, was cited in the Information Disclosure Statement (IDS) of November 26, 2003, and a copy was submitted therewith. Accordingly, it is not cited again in this IDS.

#### FORMAL MATTERS

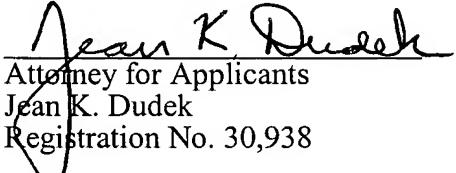
In accordance with 37 C.F.R. § 1.97(b), since a first Official Action on the merits of the subject application has not yet been issued, neither a certificate, petition nor payment of a fee is believed to be required for this IDS. However, the Commissioner is hereby authorized to charge any fee which may be required in connection with this paper to Deposit Account No. 06-1205. A duplicate of this paper is enclosed.

#### CONCLUSION

It is respectfully requested that the listed information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicants' undersigned attorney may be reached in our Washington D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

  
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ATTY DOCKET NO.  
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APPLICATION NO.

10/673,421

Applicants

Shinichi SATO, et al.

Date Submitted to PTO: April 16, 2004

FILING DATE

September 30, 2003

GROUP

Unassigned

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,198,203	04/15/1980	Groll et al.	8	7	
	4,282,000	08/04/1981	Groll et al.	8	527	

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
	EP 0 014 407 A1	08/20/1980	Europe			Abstract and U.S. Counterpart
	JP 62-190273 A	08/20/1980	Japan			Abstract
	JP 7-138511 A	05/30/1995	Japan			Abstract
	EP 1 239 010 A1	09/11/2002	Europe			In English
	EP 1 264 705 A1	12/11/2002	Europe			In English
	EP 1 304 359 A1	04/23/2003	Europe			In English

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

Patent Abstracts of Japan, vol. 1995, no. 08 (September 29, 1995), with respect to JP 7-138511 A

Patent Abstracts of Japan, vol. 012, no. 040 (C-474) (February 5, 1988), with respect to JP 62-190273 A

EXAMINER

DATE CONSIDERED

communication to Applicants.

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